



ENRICO DREYER  
31210783

## ASSIGNMENT 2

ITRI 623

## Table of Contents

Introduction .....	2
Fun doing the assignment.....	2
References in the poster.....	2
Reference List.....	2

## Introduction

For this assignment we were asked to make a A3 poster on Streamed Databases. The poster is attached with this document as a pdf and png. The information that was included in the poster includes a basic description, architecture, data flow, and useful applications along with other interesting information.

## Fun doing the assignment

This assignment was fun because it was something different. It was not your typical write a report on streamed databases, but use your own creativity, research your own work, and create a poster.

At work we have a system called FAMS, the system works with analysing and recording the gasoline storage of companies, we use streamed data to analyse how much gasoline is in certain tanks or how much a company has used over the course of a month.

This assignment gave me background on the basics of streaming data and how the architecture works.

## References in the poster

1. Streaming Database Definition: (Hazelcast, 2021) and (AWS, 2021).
2. Streaming Data Architecture: (Levy, 2021).
3. Benefits of Streaming Data Architecture: (Levy, 2021).
4. Streaming dataflow (Confluent, 2020).
5. Kafka (Tortella, 2020)
6. Useful applications (Confluent, 2020).
7. Streaming Data Storage (Confluent, 2020).

## Reference List

AWS. (2021). What is streaming data? <https://aws.amazon.com/streaming-data/>

Confluent. (2020). Streaming Data: How it Works, Benefits, and Use Cases.

<https://www.confluent.io/learn/data-streaming/>

Hazelcast. (2021). What Is a Streaming Database? <https://hazelcast.com/glossary/streaming-database/#:~:text=A%20streaming%20database%20is%20in%20contrast%20to%20traditional,RDBMSs%20for%20modern%20use%20cases%20in%20larger%20enterprises.>

Levy, E. (2021). 4 Key Components of a Streaming Data Architecture (with Examples).

<https://www.upsolver.com/blog/streaming-data-architecture-key-components#:~:text=Streaming%20Data%20Architecture%20A%20streaming%20data%20architecture%20is,large%20volumes%20of%20streaming%20data%20from%20multiple%20sources.>

Tortella, M. (2020). Intro to streaming data and Apache Kafka.

<https://towardsdatascience.com/intro-to-streaming-data-and-apache-kafka-5a797231258f>